

ABSTRACT

Photoaging of human skin, such as evidenced by the increased presence of matrix metalloproteinases after exposure to UV radiation, is prevented by pre-treating the skin with an inhibitor of epidermal growth factor receptor (EGF-R) prior to exposure. Such inhibitor are preferably natural, an example of which is genistein. Compositions used for such purposes preferably include an EGF-R as well as another MMP inhibitor, such as a retinoid.

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